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Date: 5-6-04

By: [Signature]

Signature of Person Mailing Correspondence

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**

Applicant:	Marsden, et al.	Docket No.:	97112.2617
Serial No.:	10/758,755	Group Art Unit:	2655
Filed:	January 16, 2004	Examiner:	TBA
Title:	METHOD FOR RECOVERING METAL VALUES FROM METAL-CONTAINING MATERIALS USING HIGH TEMPERATURE PRESSURE LEACHING		

**INFORMATION DISCLOSURE STATEMENT**

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P.O. Box 1450  
Alexandria, VA 22313-1450

Honorable Assistant Commissioner:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO/SB/08A. Each cited document has been previously submitted and reviewed by Examiner S. J. Bos during prosecution of the parent patent application, U.S. Patent Application No. 09/912,922 filed on July 25, 2001. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO/SB/08A and return a copy thereof to the undersigned.

The items listed on Form PTO/SB/08A may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute any of the listed documents as prior art during examination. Further, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

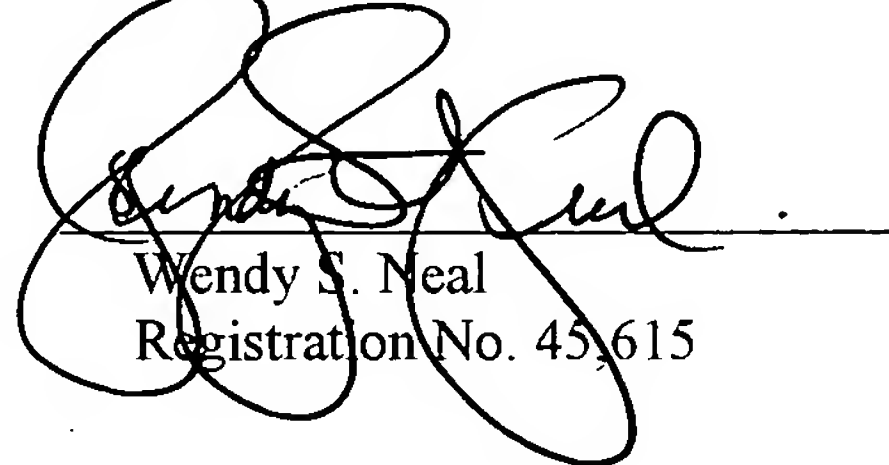
Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97 (b)(3), before the mailing date of a first Office Action on the merits, therefore no fee or statement is required.

If Applicant has overlooked any fees, the Assistant Commissioner is hereby authorized to charge Deposit Account No. 19-2814 for any deficiency in the fees required for the filing of this Information Disclosure Statement. A duplicate copy of this Information Disclosure Statement is enclosed for this purpose. **This statement does not authorize the payment of the issue fee.**

Respectfully submitted,

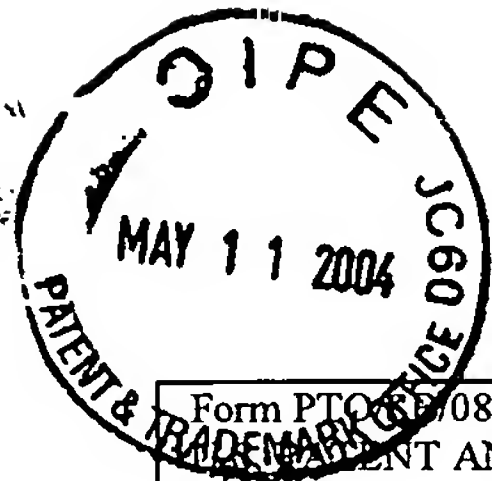
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Form PTO 08A  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET  
NO.  
97112.2617

SERIAL NO.  
10/758,755

APPLICANTS  
MARSDEN et al.

FILING DATE  
16 January 2004

GROUP ART UNIT  
2655

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		3,260,593	07/12/66	Zimmerley et al.			
		3,528,784	09/15/70	Green			
		3,607,235	02/23/68	Duncan et al.			
		3,637,371	01/25/72	Mackiw et al.			
		3,656,888	04/18/72	Barry et al.			
		3,669,651	06/13/72	Spedden et al.			
		3,868,440	02/25/75	Lindblad et al.			
		3,896,208	07/22/75	Dubeck et al.			
		3,949,051	04/06/76	Pawlek et al.			
		3,958,985	05/25/76	Anderson			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>	

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				APPLICANTS MARSDEN et al.			
				FILING DATE 16 January 2004		GROUP ART UNIT 2655	
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		3,961,028	06/01/76	Parker et al.			
		3,962,402	06/08/76	Touro			
		3,985,553	10/12/76	Kunda et al.			
		3,991,159	11/09/76	Quéneau et al.			
		4,017,309	04/12/77	Johnson			
		4,020,106	04/26/77	Ackerley et al.			
		4,028,462	06/07/77	Domic et al.			
		4,029,733	06/14/77	Faugeras et al.			
		4,039,405	08/02/77	Wong			
		4,039,406	08/02/77	Stanley et al.			
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		4,046,851	09/06/77	Subramanian et al.			
		4,069,119	07/17/78	Wong			
		4,120,935	10/17/78	Fountain et al.			
		4,150,976	04/24/79	Dain			
		4,157,912	06/12/79	Weir et al.			
		4,165,362	08/21/79	Reynolds			
		4,256,553	03/17/81	Baczek et al.			
		4,266,972	05/12/81	Redondo-Abad et al.			
		4,272,341	06/09/81	Lamb			
		4,338,168	07/06/82	Stanley et al.			
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		4,405,569	09/20/83	Dienstbach			
		4,415,540	11/15/83	Wilkomirsky et al.			
		4,442,072	04/10/84	Baglin et al.			
		4,507,268	03/26/85	Kordosky et al.			
		4,571,264	02/18/86	Weir et al.			
		4,619,814	10/28/86	Salter et al.			
		4,775,413	10/04/88	Horton et al.			
		4,814,007	03/21/89	Lin et al.			
		4,875,935	10/24/89	Gross et al.			
		4,880,607	11/14/89	Horton et al.			
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		4,892,715	01/09/90	Horton			
		4,895,597	01/23/90	Lin et al.			
		4,971,662	11/20/90	Sawyer et al.			
		4,992,200	02/12/91	Lin et al.			
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		5,059,403	10/22/91	Chen			
		5,176,802	01/05/93	Duyvesteyn et al.			
		5,223,024	06/29/93	Jones			
		5,316,567	05/31/94	Jones			

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		5,356,457	10/18/94	Alvarez et al.			
		5,670,035	09/23/97	Virnig et al.			
		5,698,170	12/16/97	King			
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		5,895,633	04/20/99	King			
		5,902,474	05/11/99	Jones			
		5,917,116	06/29/99	Johnson et al.			
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		5,989,311	11/23/99	Han et al.			
		5,993,635	11/30/99	Hourn, et al.			
		6,027,543	02/22/00	Yoshizaki et al.			
		Re. 36,118	03/02/99	Cupertino et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
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		0219785	Dec., 1958	AU			
		WO 01/00889	Jan., 2001	WO			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		G. M. Ritcey, et al., "Solvent Extraction, Principles and Applications to Process Metallurgy," Part II, 1979, pp. 218-221, no month.					
		Jan Szymanowski, Ph. D., "Hydroxyoximes and Copper Hydrometallurgy," CRC Press, 6 pages, no date.					
		Dalton, et al., "The CUPREX Process--a new chloride-based hydrometallurgical process for the recovery of copper from sulphidic ores," 11 pages, 1987, no month.					
		Evans, et al., "International Symposium of Hydrometallurgy," Mar. 1, 1973, 2 pages.					
		Duyesteyn, et al., "The Escondida Process for Copper Concentrates," 1998, no month.					
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		King, et al., "The Total Pressure Oxidation of Copper Concentrates," 1993, no month.					
		King, J. A., "Autoclaving of Copper Concentrates," paper from COPPER 95, vol. III: Electrorefining and Hydrometallurgy of Copper, International Conference held in Santiago, Chile, Nov. 1995.					
		Mackiw, V. N., "Direct Acid Pressure Leaching of Chalcocite Concentrate," vol. 19, No. 2, Feb. 1967.					
		Hirsch, H. E., "Leaching of Metal Sulphides," Patents, UK, No. 1,598,454, 1981, 7 pages, no month.					
		Chimielewski, T., "Pressure Leaching of a Sulphide Copper Concentrate with Simultaneous Regeneration of the Leaching Agent," Hydrometallurgy, vol. 13, No. 1, 1984, pp. 63-72, no month.					
		Dannenberg, R. O., "Recovery of Cobalt and Copper From Complex Sulfide Concentrates," Government Report, 20 pages, Report No. BM RI 9138, U.S. Dept. of the Interior, 1987, no month.					
		Berezowsky, R.M.G.S., "The Commercial Status of Pressure Leaching Technology," JOM, vol. 43, No. 2, 1991, pp. 9-15, no month.					
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		Hacki, R. P., "Effect of Sulfur-Dispersing Surfactants on the Oxygen Pressure Leaching of Chalcopyrite," paper from COPPER 95, vol. III, pp. 559-577, Met Soc of CIM, Nov. 1995.					
		Hackl, R.P., "Passivation of Chalcopyrite During Oxidative Leaching in Sulfate Media," Hydrometallurgy, vol. 39, pp. 25-48, 1995, no month.					
		L.W. Beckstead, et al, "Acid Ferric Sulfate Leaching of Attritor-Ground Chalcopyrite Concentrate," vol. II, Extractive Metallurgy of Copper, Chapter 31, pp. 611-632, no date.					
		King, et al., paper entitled: "The Total Pressure Oxidation of Copper Concentrates," vol. I, Fundamental Aspects, 1993, no month.					
		Dreisinger, D. B., "Total Pressure Oxidation of El Indio Ore and Concentrate," COPPER 1999, Fourth International Conference, Phoenix, Arizona, USA, Oct. 1999.					
		Richmond, G. D., "The Commissioning and Operation of a Copper Sulphide Pressure Oxidation Leach Process at Mt. Gordon," ALTA COPPER 1999: Copper Sulphides Symposium & Copper Hydrometallurgy Forum, Gold Coast, Queensland, Australia Conference, 1999, no month.					
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		International Preliminary Examination Report, dated Dec. 17, 2002, for PCT/US01/23468.					
		Written Opinion from European Patent Office--for PCT/US01/23468, Jul. 17, 2002.					
		B. KENNEDY et al; Data taken from 1995 Survey entitled "Copper Leaching, Solvent Extraction, and Electrowinning Technology", pp 41-91, 1999, Littleton, Colorado, USA.					
		D. J. BUTCHER et al., "The Development of a Pressure Oxidation Flowsheet for the Guelb Moghreïn Project, Mauritania" pp 1-38, 1998, Copper Sulphides Symposium, Brisbane, Australia					
09/05/2002		Opposition to CL 1766-2001 by Anglo American, PLC (with accompanying English translation of substantive assertions)					
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